

**Tier Two****EMERGENCY  
AND  
HAZARDOUS  
CHEMICAL  
INVENTORY**Specific  
Information  
by Chemical**Facility Identification**

Name ALASKAN COPPER WORKS  
 Street 3200 6TH AVE S.  
 City SEATTLE County KING State WA Zip 98134

SIC Code 3498Dun & Brad Number 00-925-5571**FOR  
OFFICIAL  
USE  
ONLY**

ID # \_\_\_\_\_

Date Received \_\_\_\_\_

**Owner/Operator Name**

Name BILL ROSEN Phone (206) 623-5800  
 Mail Address P.O. BOX 3546 SEATTLE WA 98124

**Emergency Contact**

Name JAMES BROWN Title OPERATIONS MGR.  
 Phone (206) 623-5800 24 Hr. Phone (206) 399-3003

Name \_\_\_\_\_ Title \_\_\_\_\_  
 Phone ( ) \_\_\_\_\_ 24 Hr. Phone ( ) \_\_\_\_\_

**Important: Read all instructions before completing form****Reporting Period**From January 1 to December 31, 1994☐ Check if information below is identical to the information submitted last year.

Chemical Description	Physical and Health Hazards (check all that apply)	Inventory	Container Type Pressure Temperature	Storage Codes and Locations (Non-Confidential) Storage Locations	Options																														
CAS <u>007697372</u> Trade Secret <input type="checkbox"/> Chem. Name <u>NITRIC ACID SOL 42%</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> EHS EHS Name <u>NITRIC ACID</u>	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input checked="" type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	<u>03</u> Max. Daily Amount (code) <u>01</u> Avg. Daily Amount (code) <u>024</u> No. of Days On-site (days)	<u>D14</u> <table border="1"> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>																															<u>628 S. HANFORD</u> <u>STORAGE AREA IN</u> <u>BACK OF MAINTENANCE</u> <u>BUILDING</u>	<input type="checkbox"/>
CAS <u>007697372</u> Trade Secret <input type="checkbox"/> Chem. Name <u>NITRIC ACID SOL. 10%</u> Check all that apply: <input type="checkbox"/> Pure <input checked="" type="checkbox"/> Mix <input type="checkbox"/> Solid <input checked="" type="checkbox"/> Liquid <input type="checkbox"/> Gas <input checked="" type="checkbox"/> EHS EHS Name <u>NITRIC ACID</u>	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input checked="" type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	<u>03</u> Max. Daily Amount (code) <u>03</u> Avg. Daily Amount (code) <u>365</u> No. of Days On-site (days)	<u>A15</u> <table border="1"> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>																															<u>3200 6TH AVE S.</u> <u>NORTHEAST CORNER OF</u> <u>MAIN SHOP</u>	<input type="checkbox"/>
CAS <u>          </u> Trade Secret <input type="checkbox"/> Chem. Name _____ Check all that apply: <input type="checkbox"/> Pure <input type="checkbox"/> Mix <input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> Gas <input type="checkbox"/> EHS EHS Name _____	<input type="checkbox"/> Fire <input type="checkbox"/> Sudden Release of Pressure <input type="checkbox"/> Reactivity <input type="checkbox"/> Immediate (acute) <input type="checkbox"/> Delayed (chronic)	<u>      </u> Max. Daily Amount (code) <u>      </u> Avg. Daily Amount (code) <u>      </u> No. of Days On-site (days)	<table border="1"> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td></tr> </table>																															_____ _____ _____ _____ _____	<input type="checkbox"/>

**Certification** (Read and sign after completing all sections)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through 1, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

James C Brown, Operations Mgr.  
 Name and official title of owner/operator OR owner/operator's authorized representative

Signature

Date signed

James C Brown 2/15/95

**Optional Attachments**

- ☐ I have attached a site plan  
☐ I have attached a list of site coordinate abbreviations  
☐ I have attached a description of dikes and other safeguard measures



P.O. Box 3546  
Seattle, Washington 98124

Seattle Fire Department  
Hazardous Material Section (SMO)  
301 2nd Ave South  
Seattle, WA 98104-2680

Rec'd  
1-13-95 RFP

## 1994 TIER TWO REPORTING PACKET

*This checklist is designed to clarify sections of the 1994 reporting packet and to ease the reporting procedure. It is recommended that all reporters take a moment to read over this information. Your cooperation is greatly appreciated.*

The Washington State Emergency Response Commission (SERC), in accordance with the Federal Emergency Planning and Community Right-To-Know Act (EPCRA) or SARA Title III, Section 312, requires completion of the attached Tier Two Emergency and Hazardous Chemical Inventory report by all facilities which have reportable quantities. For information on which facilities qualify as reporters under EPCRA, refer to the section entitled "Who must submit this form" on page 1 of General Information. All other necessary information for completing the Tier II form is provided in the Instruction section (pgs. 2-4).

**IMPORTANT REMINDER - The completed report is due March 1, 1995 for calendar year 1994. Any reports lacking required information will be returned for correction.** Please be sure to complete all sections of the report including: facility identification, name, addresses, phone numbers, Chemical Abstract Service (CAS) numbers, chemical names, chemical descriptions (i.e. pure or mix, solid or liquid and if appropriate EHS), physical/health hazards, inventory codes, and storage types and conditions - *do not leave any of these sections blank*. Failure to file as required exposes your business to legal liability and civil penalties.

Three (3) **separate** originals of your report must be presented. Send a **signed, original** copy to your Local Emergency Planning Committee (a LEPC list is enclosed), local fire department, **and** the State Emergency Response Commission (SERC). Mail SERC (State) forms to this address:

Community Right-To-Know Unit  
Department of Ecology  
PO Box 47659  
Olympia WA 98504-7659

Please **note** it is not necessary to send a copy to the Department of Community, Trade & Economic Development, Emergency Management Division.

### Check list of Helpful Hints

- ✓ Make a copy of the blank form before starting. Refer to last year's report for unchanged, basic information. However, be sure to correct recent changes where necessary. Make a copy of the completed form for your records.
- ✓ Please be thorough when completing the report. Your completeness and accuracy could make the job of a first responder (i.e. your fire fighter, medics) safer and less complicated. **Incomplete** forms will be **returned** for correction.
- ✓ If you are puzzled about anything, please call **1-800-633-7585**. Chances are, this short, toll-free call will not only save you time and money, it will save state resources as well.

- ✓ Your "Washington Community Right-To-Know #" is an identification number which is site specific. Therefore, if you have more than one facility and/or address, each site has a different CRK # and should be reported on a separate form. Place your CRK # in the space provided at the top of your report. If you use a form other than the one in this packet, please be sure to include the CRK# in the top margin, first page. If you have an EPA hazardous waste number, that is the number you should use. If you are unsure what your number is, you are welcome to call our office. If you are a new reporter and do not have a hazardous waste number, please write "New" in this area. A CRK # will be assigned and you will be notified.
- ✓ The "Facility Identification" box (upper left) requires the physical location of the facility, **not** a post office box. Your mailing address should be entered in the "Owner/Operator" portion of the form. This is the address where your forms will be mailed. Please include your zip + 4.
- ✓ Please note that the range values go from 01 through 11. The range values used from 1987 thru 1989 no longer apply. If any inventory code is indicated as "00", the report will be returned.
- ✓ Under "Storage Codes and Locations" be careful to note that on your Tier Two form the container type column comes first and requires a letter entry. Next come the "pressure" and "temperature" columns both requiring a numerical entry. Observe that the "pressure" code is first of these two and ranges from 1-3. "Temperature" code follows, ranging from 4-7. (See instructions on page 4, Tables II & III.)
- ✓ Please be aware that listing chemicals as trade secrets requires substantiation and documentation with the EPA. (See page 3 of instructions under Chemical Description).
- ✓ Keeping the location of chemicals confidential (inaccessible to the public), requires that you read and understand the section titled Confidential Information (pg 4). For confidential filing, you must submit *both* confidential and non-confidential information on separate forms. Confidential portions will be kept from public access. A Confidential form is available upon request by calling our office at 1-800-633-7585.
- ✓ The printed or typed name of the person signing the report must also be included in the report. *The signature must be original, in ink, and dated* on each of your three copies. Please put the original signature on the first page of the report.

Some frequently requested CAS #'s are:

Gasolines, Aviation fuels = 8006-61-9 Diesel Fuel #2 = 68476-34-6

Fuel #6 = 68553-00-4

Lube oil = 64742-54-7

For Information about Tier Two Reporting or to request additional forms, call toll-free in Washington 1-800-633-7585 or (206) 407-6893.



**Tier Two****EMERGENCY  
AND  
HAZARDOUS  
CHEMICAL  
INVENTORY**Specific  
Information  
by Chemical**Facility Identification**Name XYZ Facility  
Street 123 Main Street  
City Eugene County Grant State WA Zip 98004SIC Code 1 2 3 4Dun & Brad  
Number 1 2 - 3 4 5 - 6 7 8 9**FOR  
OFFICIAL  
USE  
ONLY**

ID # \_\_\_\_\_

Date Received \_\_\_\_\_

**Owner/Operator Name**Name XYZ Corporation Phone (206) 555-4567  
Mail Address PO Box 555 Newark NJ 02134**Emergency Contact**Name John Smith Title Manager  
Phone (206) 437-1400 24 Hr. Phone (206) 438-3333Name Carol Jones Title Emergency Resp.  
Phone (206) 437-1400 24 Hr. Phone (206) 438-4444**Important: Read all instructions before completing form:****Reporting Period**From January 1 to December 31, 1994☒ Check if information below is identical to the information submitted last year.**Chemical Description****Physical  
and Health  
Hazards**  
(check all that apply)**Inventory**Container  
Type  
Pressure  
Temperature**Storage Codes and Locations  
(Non-Confidential)****Storage Locations**Storage  
OptionsCAS 7 6 6 4 4 1 7 Trade Secret ☐Chem. Name AmmoniaCheck all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☒ Gas ☒ EHSEHS Name Ammonia☒ Fire  
☒ Sudden Release  
of Pressure  
☒ Reactivity  
☒ Immediate (acute)  
☒ Delayed (chronic)Max. Daily  
Amount (code) 0 4  
Avg. Daily  
Amount (code) 0 4  
No. of Days  
On-site (days) 3 6 51 2 4 NW side of Bldg 3CAS 7 7 8 2 5 0 5 Trade Secret ☐Chem. Name ChlorineCheck all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☒ EHSEHS Name Chlorine☐ Fire  
☐ Sudden Release  
of Pressure  
☒ Reactivity  
☒ Immediate (acute)  
☒ Delayed (chronic)Max. Daily  
Amount (code) 0 2  
Avg. Daily  
Amount (code) 0 2  
No. of Days  
On-site (days) 3 6 5P 1 4 Storage Shed CCAS 8 0 0 6 6 1 9 Trade Secret ☐Chem. Name GasolineCheck all that apply: ☐ Pure ☒ Mix ☐ Solid ☒ Liquid ☐ Gas ☐ EHS

EHS Name \_\_\_\_\_

☒ Fire  
☐ Sudden Release  
of Pressure  
☐ Reactivity  
☒ Immediate (acute)  
☒ Delayed (chronic)Max. Daily  
Amount (code) 0 5  
Avg. Daily  
Amount (code) 0 5  
No. of Days  
On-site (days) 3 6 5B 1 4 Near pump island**Certification (Read and sign after completing all sections)**I certify under penalty of law that I have personally examined and am familiar with the information submitted in pages one through one, and that based on my inquiry of those individuals responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.John Smith, Manager

Name and official title of owner/operator OR owner/operator's authorized representative

John Smith  
Signature1/28/95

Date signed

**Optional Attachments**☐ I have attached a site plan  
☐ I have attached a list of site  
coordinate abbreviations  
☐ I have attached a description of  
dikes and other safeguard measures

EXAMPLE

## TIER TWO INSTRUCTIONS

### GENERAL INFORMATION

Submission of this Tier Two form by Title III of the Superfund Amendments and Reauthorization Act of 1986, Section 312, Public Law 99-499, codified at 42 U.S.C. Section 11022. The purpose of this Tier Two form is to provide State and local officials and the public with specific information on hazardous chemicals present at your facility during the past year.

### CERTIFICATION

The owner, operator or the officially designated representative of the owner or operator must certify that all information included in the Tier Two submission is true, accurate, and complete. On the first page of the Tier Two report, enter your full name and official title. Sign your name and enter the current date. Also enter the total number of pages included in the Confidential and Non-Confidential Information Sheets as well as all attachments. An *original* signature is required on at least the first page of the submission. Submissions to the SERC, LEPC, and local fire department must each contain an *original* signature on at least the first page. Subsequent pages must contain either an original signature, a photocopy of the original signature, or a signature stamp. Each page must contain the date on which the original signature was affixed to the first page of the submission and the total number of pages in the submission.

### YOU MUST PROVIDE ALL INFORMATION REQUESTED ON THIS FORM TO FULFILL TIER TWO REPORTING REQUIREMENTS.

#### WHO MUST SUBMIT THIS FORM

Section 312 of Title III requires that the owner or operator of a facility submit this Tier Two form, if so requested by a State Emergency Response Commission (SERC), a Local Emergency Planning Committee (LEPC), or a local fire department with jurisdiction over a facility.

This request may apply to the owner or operator of any facility that is required, under regulations implementing the Occupational Safety and Health Act of 1970, to prepare or have available a Material Safety Data Sheet (MSDS) for a hazardous chemical present at the facility. MSDS requirements are specified in the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard, found in Title 29 of the Code of Federal Regulations at §1910.1200.

This form does not have to be submitted if all of the chemicals located at your facility are excluded under Section 311 (e) of Title III.

#### WHAT CHEMICALS ARE INCLUDED

You must report the required information on this Tier Two form for each hazardous chemical present at your facility in quantities equal to or greater than established threshold amounts, unless the chemicals are excluded under Section 311 (e) of Title III. Hazardous chemicals are any substance for which your facility must maintain an MSDS under OSHA's Hazard Communication Standard.

#### WHAT CHEMICALS ARE EXCLUDED

Section 311 (e) of Title III excludes the following substances:

- (i) Any food, food additive, color additive, drug, or cosmetic regulated by the Food and Drug Administration;
- (ii) Any substance present as a solid in any manufactured item to the extent that exposure to the substance does not occur under normal conditions of use;

- (iii) Any substance to the extent it is used for personal, family, or household purposes, or is present in the same form and concentration as a product packaged for distribution and use by the general public;
- (iv) Any substance to the extent it is used in a research laboratory or a hospital or other medical facility under the direct supervision of a technically qualified individual;
- (v) Any substance to the extent it is used in routine agricultural operations or is a fertilizer held for sale by a retailer to the ultimate customer.

OSHA regulations, Section 1910.1200 (b), stipulate exemptions from the requirement to prepare or have available an MSDS.

#### REPORTING THRESHOLDS

Minimum thresholds have been established for the Tier II reporting under Title III, Section 312. These thresholds are as follows:

For Extremely Hazardous Substances (EHSs) designated under Section 302 of Title III, the reporting threshold is 500 lbs. (or 227 kg.) or the threshold planning quantity (TPQ), whichever is lower;

For all other hazardous chemicals for which facilities are required to have or prepare an MSDS, the minimum reporting threshold is 10,000 pounds (or 4,540 kg.)

You need to report hazardous chemicals that were present at your facility at any time during the previous calendar year at levels that equal or exceed these thresholds. For instructions on threshold determinations for components of mixtures, see "What About Mixtures?".

A requesting official may limit the responses required under Tier Two by specifying particular chemicals or groups of chemicals.

## INSTRUCTIONS

### WHEN TO SUBMIT THIS FORM

Owners or operators of facilities that have hazardous chemicals on hand in quantities equal to or greater than set threshold levels must submit a Tier Two form by March 1.

### WHERE TO SUBMIT THIS FORM

Send a completed Tier Two form(s) to each of the following organizations:

1. Your State Emergency Response Commission (SERC).
2. Your Local Emergency Planning Committee (LEPC).
3. The fire department with jurisdiction over your facility.

### PENALTIES

Any owner or operator who violates any Tier Two reporting requirements shall be liable to the United States for a civil penalty of up to \$25,000 for each such violation. Each day a violation continues shall constitute a separate violation.

If your Tier Two responses require more than one page use additional forms and fill in the page number at the top of the form.

### REPORTING PERIOD

Enter the appropriate calendar year, beginning January 1 and ending December 31.

### FACILITY IDENTIFICATION

Enter your Washington Community Right-To-Know Number at the top of the first page. Enter the full name of your facility. Enter the full street address or state road. If a street address is not available, enter other appropriate identifiers that describe the physical location of your facility. Include city, county, state, and zip code.

Enter the primary Standard Industrial Code and the Dun & Bradstreet number for your facility. The financial officer for your facility should be able to provide the Dun & Bradstreet number. If your facility does not have this information, you may contact the state or regional office of Dun & Bradstreet to obtain your facility number or have one assigned.

### OWNER/OPERATOR

Enter the owner's full name, the company or corporation name, mailing address (where you want reporting forms sent), and phone number.

### EMERGENCY CONTACT

Enter the name, title, and work phone number of at least one local person or office who can act as a referral if emergency responders need assistance in responding to a chemical accident at the facility.

Provide an emergency phone number where such emergency information will be available 24 hours a day, every day. This requirement is mandatory. The facility must make some arrangement to ensure that a 24 hour contact is available.

### IDENTICAL INFORMATION

Check the box indicating identical information, located below the emergency contacts on the Tier Two form, if the current chemical information being reported is identical to that submitted last year. Chemical descriptions, hazards, amounts, and locations must be provided in this year's form, even if the information is identical to that submitted last year.

### CHEMICAL INFORMATION: Description, Hazards, Amounts, and Locations

The main section of the Tier Two form requires specific information on amounts and locations of hazardous chemicals, as defined in the OSHA Hazard Communication Standard.

- 
- What units should I use?

Calculate all amounts as *weight in pounds*. To convert gas or liquid volume to weight in pounds, multiply by an appropriate density factor.

- What about mixtures?

If a chemical is part of a mixture, you have the *option* of reporting either the weight of the entire mixture or only the portion of the mixture that is a particular hazardous chemical (e.g., If a hazardous solution weighs 100 lbs. but is composed of only 5% of a particular hazardous chemical, you can indicate either 100 lbs. of the mixture *or* 5 lbs. of the chemical).

The option used for each mixture must be consistent with the option used in your Section 311 reporting.

Because EHSs are important to Section 303 planning, EHSs have lower thresholds. The amount of an EHS at a facility (both pure EHSs and EHSs in mixtures) must be aggregated for purposes of threshold determination. It is suggested that the aggregation calculation be done as a first step in making the threshold determination. Once you determine whether a threshold for an EHS has been reached, you should report either the total weight of the EHS at your facility, or the weight of each mixture containing the EHS.

---

## CHEMICAL DESCRIPTION

1. Enter the Chemical Abstract Service registry number (CAS). For mixtures, enter the CAS number of the mixture as a whole if it has been assigned a number distinct from its constituents (e.g., gasoline = 8006-61-9). For a mixture that has no CAS number, leave this item blank.

If you are withholding the name of a chemical in accordance with criteria specified in Title III, Section 322, enter the generic class or category that is structurally descriptive of the chemical (e.g., list toluene diisocyanate as organic isocyanate) and check the box marked Trade Secret. Trade secret information should be submitted to EPA and must include a substantiation. Please refer to EPA's final regulation on trade secrecy (53 FR 28772, July 29, 1988) for detailed information on how to submit trade secrecy claims.

2. Enter the chemical name or common name of each hazardous chemical.
3. Check box for *ALL* applicable descriptors: pure or mixture and solid, liquid or gas; and whether the chemical is or contains an EHS.
4. If the chemical is a mixture containing an EHS, enter the chemical name of each EHS in the mixture.

### EXAMPLE:

You have pure chlorine gas, as well as two mixtures that contain liquid chlorine. You enter the CAS number and write "chlorine". You check "pure" and "mix", as well as "liquid" and "gas".

## PHYSICAL AND HEALTH HAZARDS

For each chemical you have listed, check all the physical and health hazard boxes that apply. These hazard categories are defined in 40 CFR 370.2. The two health hazard categories and three physical hazard categories are a consolidation of the 23 hazard categories defined in the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Hazard Category Comparison  
For Reporting Under Sections 311 and 312

EPA's Hazard Categories	OSHA's Hazard Categories
Fire Hazard	Flammable Combustion Liquid Pyrophoric Oxidizer
Sudden Release of Pressure	Explosive Compressed Gas
Reactive	Unstable Reactive Organic Peroxide Water Reactive
Immediate (Acute) Health Hazards	Highly Toxic Toxic Irritant Sensitizer Corrosive
Delayed (Chronic) Health Hazard	Other hazardous chemicals with an adverse effect with short term exposure

## MAXIMUM AMOUNT

1. For each hazardous chemical, estimate the greatest amount present at your facility on any single day during the reporting period.
2. Find the appropriate range value code in Table I.
3. Enter this range value as the Maximum Amount.

TABLE I REPORTING RANGES

Range Value From...	Weight Range in Pounds To...
01 0	99
02 100	999
03 1,000	9,999
04 10,000	99,999
05 100,000	999,999
06 1,000,000	9,999,999
07 10,000,000	49,999,999
08 50,000,000	99,999,999
09 100,000,000	499,999,999
10 500,000,000	999,999,999
11 1 billion	over 1 billion

### EXAMPLE:

You received one large shipment of a solvent mixture last year. The shipment filled five 5,000 gallon storage tanks. You know that the solvent contains 10% benzene, which is a hazardous chemical.

You figure that 10% of 25,000 gallons is 2,500 gallons. You also know that the density of benzene is 7.29 pounds per gallon, so you multiply 2,500 gallons by 7.29 pounds per gallon to get a weight of 18,225 pounds.

Then you look at Table I and find that the range value 04 corresponds to 18,225. You enter 04 as the Maximum amount.

## AVERAGE DAILY AMOUNT

1. For each hazardous chemical, estimate the average weight in pounds that was present at your facility during the year.
2. Find the appropriate range value in Table I.
3. Enter this range value as the Average Daily Amount.

### EXAMPLE:

The 25,000 gallon shipment of solvent you received last year was gradually used up and completely gone in 315 days. The sum of the daily volume levels in the tank is 4,536,000 gallons. By dividing 4,536,000 gallons by 315 days on site, you calculate an average daily amount of 14,400 gallons.

You already know that the solvent contains 10% benzene, which is a hazardous chemical. Since 10% of 14,400 is 1,440 gallons of benzene. You also know that the density of benzene is 7.29 pounds per gallon, so you multiply 1,440 by 7.29 to get a weight of 10,500 pounds. Then you look at Table I and find that the range value 04 corresponds to 10,500. You enter 04 as the Average Daily Amount.

## NUMBER OF DAYS ON SITE

Enter the number of days that the hazardous chemical was found on site.

## STORAGE CODES AND LOCATIONS

List all non-confidential chemical locations in this column, along with storage types/conditions associated with each location. Please note that a particular chemical may be located in several places around a facility. Each row of boxes followed by a line represents a unique location for the same chemical.

Storage codes: Indicate the types and conditions of storage present.

- Look at Table II for each location, find the appropriate storage type and enter the corresponding code in the first box.
- Look at Table III for each location, find the appropriate storage types for pressure and temperature conditions. Enter the applicable pressure code in the second box. Enter the applicable temperature code in the third box.

Table II - Storage Types

### CODES   Types of Storage

A	Above ground tank
B	Below ground tank
C	Tank inside building
D	Steel drum
E	Plastic or non-metallic drum
F	Can
G	Carboy
H	Silo
I	Fiber drum
J	Bag
K	Box
L	Cylinder
M	Glass bottles or jugs
N	Plastic bottles or jugs
O	Tote bin
P	Tank wagon
Q	Rail car
R	Other

Table III - PRESSURE & TEMPERATURE CONDITIONS

### CODES   Storage Conditions

<b>Pressure</b>	
1	Ambient Pressure
2	Greater than ambient pressure
3	Less than ambient pressure
<b>Temperature</b>	
4	Ambient temperature
5	Greater than ambient temperature
6	Less than ambient temperature, but not cryogenic
7	Cryogenic conditions

#### EXAMPLE:

The ammonia in the main building is kept in a tank inside the building at ambient pressure and less than ambient temperature.

Table II shows you that the code for a tank inside a building is C. Table III shows you that the code for ambient pressure is 1, and the code for less than ambient temperature is 6.

## STORAGE LOCATIONS:

Provide a brief description of the precise location of the chemical, so that emergency responders can locate the area easily. You may find it advantageous to provide the optional site plan or site coordinates as explained below.

For each chemical, indicate at a minimum the building or lot. Additionally, where practical, the room or area may be indicated. You may respond in narrative form with appropriate site coordinates or abbreviations.

If the chemical is present in more than one building, lot, or area location, continue your responses down the page as needed. If the chemical exists everywhere at the plant site simultaneously, you may report that the chemical is ubiquitous at the site.

Optional attachments: If you choose to attach one of the following, check the appropriate attachments box at the bottom of the Tier Two form.

- A site plan with site coordinates indicated for buildings, lots, areas, etc throughout your facility.
- A list of site coordinate abbreviations that correspond to buildings, lots area, etc. throughout your facility.
- A description of dikes and other safeguard measures for storage locations through your facility.

## CONFIDENTIAL INFORMATION

Under Title III, Section 324, you may elect to withhold location information on a specific chemical from disclosure to the public. If you choose to do so:

- Enter the word "confidential" in the Non-Confidential Location section of the Tier Two form on the first line of the storage locations.
- On a separate Tier Two Confidential Location Information sheet, enter the name and CAS number of each chemical for which you are keeping the location confidential.
- Enter the appropriate location and storage information, as described above for non-confidential locations.
- Attach the Tier Two Confidential Location information sheet to the Tier Two form. This separates confidential locations from other information that will be disclosed to the public.

## CERTIFICATION

Instructions for this section are included on page one of these instructions.



**STATE OF WASHINGTON  
LOCAL EMERGENCY PLANNING COMMITTEES  
DECEMBER 27, 1994**

**Adams County**  
Mr Don Edson Director  
Adams County  
165 N First  
Othello WA 99344  
(509) 488-3704

**Asotin County**  
Butch Aiken  
Asotin County  
PO Box 250  
Asotin WA 99402-0250

**City of Auburn**  
The Honorable Charles A Booth  
Mayor City of Auburn  
1101 D Street NE  
Auburn WA 98002-4016  
(206) 931-3041

**Benton County**  
Mr John Scheer  
Benton County Emergency  
Management  
PO Box 6144  
Kennewick WA 99336  
(509) 586-1451

**Chelan/Douglas County**  
Mr Scott Lowers Director  
Chelan County Department of  
Emergency Management  
Chelan County Courthouse  
Wenatchee WA 98801  
(509) 664-5347

**Clallam County**  
Mr Steve Hauff Director  
Clallam County Emergency  
Management  
223 East 4th  
Port Angeles WA 98362  
(206) 417-2306

**Clark County**  
Tom Griffith Coordinator  
Department of Emergency  
Preparedness  
PO Box 5000  
Vancouver WA 98666-5000  
(206) 737-1911

**Columbia County**  
Roger Trump  
Columbia County  
Planning/Emergency Management  
120 S First  
Dayton WA 99328  
(509) 382-2534

**Cowlitz County**  
Mr Mike Moore Senior Planner  
Cowlitz/Wahkiakum Council of  
Governments  
207 4th Avenue North  
Kelso WA 98626  
(206) 577-3041

**Franklin County**  
Mr Andrew S Dixon Director  
Franklin County Emergency  
Management  
Airport Industrial Park  
Bldg 57  
Pasco WA 99301  
(509) 545-3546

**Garfield County**  
Mr Clark Capwell Director  
Garfield County Emergency  
Management  
PO Box 885  
Pomeroy WA 99347  
(509) 843-1468

**Grant County**  
Mr Sam Lorenz Director  
Grant County Department of  
Emergency Management  
PO Box 37  
Ephrata WA 98823  
(509) 754-2011 - ext 345

**Grays Harbor County**  
Ms Darlena Wilson Coordinator  
Grays Harbor Department of  
Emergency Services  
PO Box 630  
Montesano WA 98563  
(206) 249-3911

**Island County**  
Wayne Lewis  
PO Box 5000  
Coupeville WA 98239-5000  
(206) 679-7354

**Jefferson County**  
Mr Melvin Mefford Director  
Jefferson County Department of  
Emergency Management  
81 Elkins Road  
Port Hadlock WA 98339  
(206) 385-3831  
**City of Kent**  
Mr Norm Angelo Chief  
Kent Fire Department  
220 4th Avenue South  
Kent WA 98032  
(206) 859-3322

**King County**  
Rich Tokarzewski  
King County Office of Emergency  
Management  
King County Courthouse  
MS EA-46  
Seattle WA 98104  
(206) 296-3830

**Kitsap County**  
Ms Phyllis Mann Director  
Kitsap County Department of  
Emergency Management  
1720 Warren Avenue  
Bremerton WA 98310  
(206) 876-7119

**Kittitas County**  
Sgt Gene Dana  
WA State Patrol  
Route 1 Box 118  
Ellensburg WA 98926  
(509) 962-2426

**Klickitat County**  
The Honorable Sverre Bakke  
Chairman  
Klickitat County Board of  
Commissioners  
205 South Columbus  
Goldendale WA 98620  
(509) 773-4612

**Lewis County**  
Ms Jeanne Massingham  
Lewis County Emergency Services  
PO Box 956  
Chehalis WA 98532  
(206) 736-3975

**Lincoln County**  
Mr Jack Buck Director  
Lincoln County Emergency  
Management  
PO Box 118  
Davenport WA 99122  
(509) 725-2281

**Mason County**  
Mary Farley  
Mason County Department of  
Emergency Services  
PO Box 1476  
Shelton WA 98584  
(206) 427-9670 x329

**Okanogan County**  
Mr James K Weed Director  
Department of Emergency Services  
PO Box 32  
Okanogan WA 98840  
(509) 422-2892

**Pacific County**  
Dana Young  
Pacific County Emergency  
Management  
Public Safety Building  
PO Box 101  
South Bend WA 98586  
(206) 875-9340

**Pierce County**  
Mr William Lokey Supervisor  
Pierce County Department of  
Emergency Management  
County-City Building Room B-36  
Tacoma WA 98402  
(206) 591-7470

**City of Pullman**  
The Honorable Al Halvorson  
Mayor City of Pullman  
PO Box 249  
Southeast 325 Paradise  
Pullman WA 99163  
(509) 334-4555 ext 200

**City of Puyallup**  
Mr Merle Frank Chief  
Puyallup Fire Department  
902 7th Street NW  
Puyallup WA 98371  
(206) 841-5400

**San Juan County**  
Mr Chris De Staffany Director  
San Juan County/Friday Harbor  
Office of Emergency Services  
PO Box 219  
Friday Harbor WA 98250  
(206) 378-4117

**Skagit County**  
Mr Thomas Sheahan Director  
Skagit County Department of  
Emergency Management  
County Administration Building  
Room 203  
700 South 2nd Street  
Mount Vernon WA 98273-3864  
(206) 336-9400 or 9403

**Skamania County**  
Mr Karl Tesch Director  
Department of Emergency  
Management  
PO Box 790  
Stevenson WA 98648  
(509) 427-8076

**City of Skykomish**  
Mr Charles Brown  
Town of Skykomish  
PO Box 308  
Skykomish WA 98288  
(206) 677-2388

**Snohomish County**  
Mr Al Amonson  
Snohomish County Department of  
Emergency Management  
1907 Everett Avenue  
Everett WA 98201  
(206) 258-6461

**South West Snohomish**  
for: Bothell, Brier, Edmonds,  
Lynnwood, Mill Creek, Mountlake  
Terrace, Woodway  
Ms Lyn Gross Chair  
23607 Hwy 99  
Ste 1B  
Edmonds WA 98026  
(206) 776-3722 or 774-3583

**Spokane County**  
Mr Earl Brown Deputy Director  
Spokane City/County DEM  
W 1121 Gardner Ave  
Spokane WA 99201  
(509) 456-2204

**Stevens/Ferry/Pend Orielle**  
Ms JoAnn Boggs Director  
Pend Orielle Department of  
Emergency Management  
PO Box 5035  
Newport WA 99156  
(509) 447-3731

**City of Steilacoom**  
Mr Rod Rodriquez  
Steilacoom Department of Public  
Safety  
601 Main Street  
Steilacoom WA 98388  
(206) 581-0110

**Thurston County**  
Mr Frank Hamilton, Chair  
Roads & Transportation Svs  
9605 Tilly Rd SW  
Olympia WA 98512-9140  
(206) 786-5495

**Wahkiakum County**  
Local Emergency Planning  
Committee  
Wahkiakum County Board of  
Commissioners  
64 Main Street  
Cathlamet WA 98612  
(206) 795-3219

**Walla Walla County**  
Mr Edward George Director  
Walla Walla County Department  
of Emergency Services  
310 West Poplar Room 9  
Walla Walla WA 99362  
(509) 527-3285 or 3223

**Whatcom County**  
Mr Dale Brandland Director  
Whatcom County Division of  
Emergency Management  
311 Grand Avenue  
Bellingham WA 98225  
(206) 676-6681

**Whitman County**  
Ms Rita Konzal  
PO Box 470  
Colfax WA 99111  
(509) 397-6266

**Yakima County**  
The Honorable Alex Deccio  
Chairman  
Yakima County Commissioners  
Yakima Co Courthouse Rm 416  
Yakima WA 98901  
(509) 575-4111

Did you remember to include:

- ✓ Community Right-To-Know Number?
- ✓ Reporting period?
- ✓ Original signature?
- ✓ Original mailed to SERC, LEPC & local fire department?

AKC-0020307